

#### Summary:

Process for the transmission of analog and digital information. The object of the invention is the transmission of both analog-coded and digital-coded information only with an alternating current of one frequency and one phase position. A corresponding analog coding has already been disclosed in the Canadian Patent No. 1,214,277 and corresponding digital codings have been disclosed in the patent USP 6,072,829. This is accomplished in accordance with the invention in such a way that the carrier of the analog and digital information to synchronize the periods or half-periods of an uninterrupted sequence, so that, as needed, the periods or half-periods can be employed in sequence. In a real-time transmission, the analog periods or half-periods have to be the same number as the code words of the digital information. Such a transmission affords a substantial simplification. Thus, in color television, for example, the luminance signal can be transmitted in an analog manner and the color signal can be transmitted in series in a digital manner. Thus, no phase problems arise. The receiver can be designed as a superheterodyne radio receiver up to the decoder.

Figure 16